

Town of : Chilmark

Soil Suitability Assessment for On-Site Disposal			
Performed By:	Reid Silva	Date of Test:	12/22/2022
Witnessed By:	Ann McCaffrey		
Location A/P:	21-50	Owner Name:	Stephen and Susan McGhee
Location Address:	#35 Menemsha Inn Road		c/o Vineyard Land Surveying and Eng.
Type of Construction:	New Construction		P.O. Box 421, Cournoyer Rd.
			West Tisbury, MA 02575
			(508) 693-3774

Office Review			
Published Soil Survey Available: <u>YES</u>			
Year Published - <u>1986</u>	Publication Scale - <u>1:20000</u>	Soil Limitations:	<u>None</u>
Soil Information: <u>285C - Eastchop loamy sand, 8 to 15 percent slopes, very stony - EdC</u>			
Surficial Geologic Report Available: <u>YES</u>	Drainage Class:	<u>ED</u>	
Year Published: <u>1986</u>	Publication Scale: <u>N/A</u>		
Geologic Material (map unit) and Landform:	Qmv - Martha's Vineyard Moraine		

Flood Insurance Rate Map	
Above 500 year flood boundary:	Yes
Within 500 year flood boundary:	No
Within 100 year flood boundary:	No

Wetland Area	
National Wetland Inventory Map (map unit):	N/A
Wetlands Conservancy Program Map (map unit):	N/A

Current Water Resource Conditions (USGS)	
Range: <u>Below Normal</u>	Month: <u>October</u>
Other References Reviewed: Groundwater Hydrology of Martha's Vineyard, Mass. Delaney, 1980	

Location Address or Lot No. **#35 Menemsha Inn Road**

Chilmark

A/P: **21-50**

VLSE Job #567-4

Deep Hole Number: **1**

Date: **12/22/2022**

Time: **Mid Day**

Weather: **Clear**

Slope: **3 to 8**

Landuse: **Residential**

Vegetation: **Grass**

Hole Location. Position on Landscape, Distances from Open Water Body, Possible Wet Area, Drinking Water Well, Drainage way, Property Line (SEE PLAN)

DEEP HOLE OBSERVATION LOG						
	Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, Boulders, Consistncy, % Gravel)
TH #1	0 - 12	A	Sandy Loam	X	X	Perc. Rate < 5 MPI @ 72 "
	12 - 38	B	Loamy Sand	X	X	Groundwater: NO GW found at Elev. = 113.2
	38 - 132	C	Loamy Sand	X	X	
						Note: C layer has 15% cobble and gravel

Parent Material (geologic): **Moraine**

Depth to Bedrock: **N/A**

Depth to Groundwater Information:

Weeping From Pit Face: **N/A**

Standing Water in the Hole: **No**

Estimated Seasonal High Ground Water: > **11' below test hole #1**

Does at least four feet of naturally occurring pervious material exist in all areas observed throughout the area proposed for the soil absorbtion system? **YES**

If not, what is the depth of the naturally occurring pervious material? **N/A**

I certify that on 11/22/2002 - rs I have passed the soil evaluator examination approved by the Department of Environmental

Protection and that the above analysis was performed by me consistent with the required training, expertise and experience described

in 310 CMR 15.017

Signature: _____



Date: December 22, 2022